

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--|------------------|---------|------------------|
| L1 | 13 | (kobayashi near2 hisamichi).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:43 |
| L2 | 71821 | (collimat\$3 lens) near2 (support barrel hold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:42 |
| L4 | 1519981 | aperture diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:54 |
| L5 | 5626 | 2 with (notch projection) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:54 |
| L6 | 376 | 4 with 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L7 | 1186 | 2 with (inclined slanted) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L8 | 48 | 6 and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:56 |

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| L9 | 328 | 6 not 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:56 |
| L10 | 204 | 9 and @ay<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:03 |
| L11 | 105526 | (collimat\$3 coupling lens) near2 (support barrel hold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L12 | 6017 | 4 with 11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L13 | 1441 | 11 with (inclined slanted) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L14 | 240 | 12 and 13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:00 |
| L15 | 176 | 14 and @ay<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:03 |

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| L16 | 135 | 15 not (8 10) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:01 |
| L17 | 2426 | optical adj (housing box) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:03 |
| L18 | 19744 | 11 and 2 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:03 |
| L19 | 13843 | 18 and @ay<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:41 |
| L20 | 286 | 19 and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:13 |
| L21 | 155 | 20 not 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:04 |
| L22 | 13 | ("4872065" "5138623" "5237579" "5258780" "5671069" "5784091" "5946334" "6118798" "6151152" "6185026" "6366336" "6498617" "6731317").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 07:06 |
| L23 | 7 | ("4815059" "5612945" "5614961" "5671081" "5818262" "5877884" "5920437").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 07:07 |

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| L24 | 4 | 18 and 17 and 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:14 |
| L25 | 127 | 18 and 17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:25 |
| L26 | 1890 | 347/230,241-244,256-258.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:29 |
| L27 | 92 | 26 and barrel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:48 |
| L28 | 2 | ("5153608" "5212381").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 07:45 |
| L29 | 9 | ("5351070").URPN. | USPAT | OR | ON | 2006/11/16 07:45 |
| L30 | 417 | 26 and collimator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:21 |
| L31 | 49 | 26 and collimator and mount | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:56 |

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| L32 | 210 | 26 and collimator and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 07:56 |
| L33 | 3 | ("5737112" "5757533" "6256132").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 08:14 |
| L34 | 2 | ("6667822").URPN. | USPAT | OR | ON | 2006/11/16 08:14 |
| L35 | 3 | ("5953042" "6411325" "6512533").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 08:14 |
| L36 | 0 | ("6665103").URPN. | USPAT | OR | ON | 2006/11/16 08:15 |
| L37 | 183 | 30 not (31 32) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:21 |
| L39 | 12 | ("6621512" "6928100" "5774248" "20030173508" "6333756" "20010052927").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:33 |
| L40 | 6 | 39 and (aperture diaphragm shap\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:33 |
| L41 | 12 | ("20020036839" "4702576" "4762395" "4972258" "5555232" "5781351" "5997153" "6147817" "6188528" "6343092" "6404723" "6472651").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/16 08:40 |
| L42 | 0 | ("6928100").URPN. | USPAT | OR | ON | 2006/11/16 08:41 |
| L43 | 33973 | canon.as. | USPAT | OR | ON | 2006/11/16 08:41 |
| L44 | 398 | 43 and collimator and 4 | USPAT | OR | ON | 2006/11/16 08:41 |

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| L45 | 374 | 44 and @ay<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:42 |
| L46 | 171 | 45 and (barrel hold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:46 |
| L47 | 203 | 45 not 46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:46 |
| S92 | 1 | 10/791902 and diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:43 |
| S93 | 12 | ("6621512" "6928100" "5774248" "20030173508" "6333756" "20010052927").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 08:33 |
| S94 | 70619 | lens near2 (support barrel hold\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:53 |
| S95 | 316859 | diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/16 06:53 |

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| S96 | 1263016 | aperture | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:14 |
| S97 | 1628 | S94 with S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:43 |
| S98 | 4152 | S94 with S96 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:14 |
| S99 | 0 | S97 with slanted | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:14 |
| S10 0 | 239 | S94 near2 (inclined slanted) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:15 |
| S10 1 | 62 | S100 and (S95 S96) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:15 |
| S10 2 | 177 | S100 not S101 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:17 |

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| S10 3 | 348 | S97 and (inclined slanted) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:22 |
| S10 4 | 959286 | laser sa,e S97 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:43 |
| S10 5 | 35 | laser same S97 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:49 |
| S10 6 | 2424 | optical adj (box housing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:44 |
| S10 7 | 4 | S97 and S106 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:44 |
| S10 8 | 100 | laser and S97 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:56 |
| S10 9 | 33 | laser same collimator same (barrel hold\$3) same diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:06 |

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| S11 0 | 4 | laser same (coupling adj lens) same (barrel hold\$3) same diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 17:57 |
| S11 1 | 2 | S93 and ((coupling adj lens) collimator) and (barrel hold\$3) and (aperture diaphragm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:08 |
| S11 2 | 3 | S93 and (aperture diaphragm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:08 |
| S11 3 | 6995 | S94 and projection and (aperture diaphragm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:10 |
| S11 4 | 1434 | S94 same projection same (aperture diaphragm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:10 |
| S11 5 | 2 | S114 and (polygon adj mirror) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:11 |
| S11 6 | 188 | S114 and laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:14 |

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| S11 7 | 7010 | S94 with first with second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:14 |
| S11 8 | 102 | S100 and S117 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/15 18:14 |